

National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: July 21, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 21, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level,  [Click here to download](#).

▼ Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 7/18/2020.*

Updated July 21, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	129,056	1,452,451	106	137,627	55,719	6,550	216,554
2/1/2020	0	58,369	98	3,778	0	479	4,257
2/8/2020	1	59,129	99	3,782	0	519	4,302
2/15/2020	0	58,416	99	3,809	0	554	4,363
2/22/2020	5	58,474	101	3,669	1	563	4,236
2/29/2020	6	58,659	102	3,784	3	645	4,432
3/7/2020	34	58,736	102	3,914	16	625	4,556
3/14/2020	52	57,732	101	3,906	27	612	4,542
3/21/2020	563	58,590	103	4,499	250	550	5,355
3/28/2020	3,139	62,586	112	6,136	1,418	440	8,247
4/4/2020	9,920	71,809	128	9,852	4,722	477	15,291
4/11/2020	16,049	78,507	142	11,917	7,188	472	20,910
4/18/2020	16,943	76,199	141	11,323	7,269	264	21,073
4/25/2020	15,291	73,162	136	10,288	6,559	143	19,067
5/2/2020	13,017	68,443	127	8,858	5,473	65	16,447
5/9/2020	11,010	65,731	125	7,718	4,650	46	14,115
5/16/2020	9,000	63,189	120	6,626	3,715	19	11,927
5/23/2020	7,021	60,167	115	5,750	2,921	23	9,869
5/30/2020	5,981	57,791	111	5,116	2,423	11	8,685
6/6/2020	4,834	56,283	107	4,704	2,079	11	7,470
6/13/2020	4,008	54,141	104	4,248	1,787	11	6,477
6/20/2020	3,496	52,630	102	3,958	1,480	5	5,979
6/27/2020	3,171	50,785	98	3,614	1,301	10	5,493
7/4/2020	3,082	46,699	89	3,295	1,337	2	5,041
7/11/2020	2,097	35,647	69	2,504	957	3	3,647

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434.

*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

▼ Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 7/18/2020.*

Updated July 21, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
United States ⁶	129,056	1,452,451	106	137,627	55,719	6,550	216,554
Alabama	1,235	25,564	101	1,757	382	95	2,702
Alaska	11	1,838	90	79	-	-	90
Arizona	2,352	33,331	115	3,104	1,284	114	4,286
Arkansas	341	15,377	100	1,052	140	75	1,328
California	6,964	135,116	104	12,729	3,855	577	16,414
Colorado	1,643	20,916	111	1,888	846	95	2,775
Connecticut	3,942	15,671	103	1,609	891	73	4,730
Delaware	512	4,776	108	406	196	16	738
District of Columbia	638	3,500	120	813	624	-	836
Florida	4,178	105,406	104	8,240	2,080	310	10,638
Georgia	2,537	41,462	102	3,170	1,134	110	4,682
Hawaii	20	5,388	96	322	-	20	356
Idaho	110	6,712	98	319	29	25	425

Illinois	6,649	58,661	115	6,572	3,312	177	10,083
Indiana	2,695	32,739	103	3,201	1,119	131	4,904
Iowa	787	14,431	100	1,035	229	84	1,677
Kansas	311	12,527	99	823	142	89	1,081
Kentucky	646	21,831	94	2,008	315	98	2,436
Louisiana	3,078	23,986	109	2,393	1,448	72	4,089
Maine	129	7,078	101	491	26	31	625
Maryland	3,599	28,079	117	2,998	1,329	126	5,378
Massachusetts	7,728	35,569	124	4,870	2,790	162	9,962
Michigan	5,596	52,089	112	5,459	2,747	240	8,543
Minnesota	1,483	22,513	107	1,712	413	121	2,902
Mississippi	1,188	16,413	108	1,664	551	52	2,353
Missouri	1,007	30,249	97	1,859	335	177	2,708
Montana	27	4,690	95	233	-	34	289
Nebraska	286	7,957	97	606	110	28	810
Nevada	552	12,690	101	1,152	406	41	1,339
New Hampshire	380	6,273	106	424	103	30	730
New Jersey	13,761	51,366	144	9,238	6,693	121	16,413
New Mexico	481	8,658	97	684	199	29	995
New York ⁷	11,214	60,162	125	9,433	5,451	209	15,387
New York City	20,455	52,039	201	10,510	7,880	962	23,215
North Carolina	1,222	36,756	80	2,614	455	227	3,606
North Dakota	104	3,308	97	280	30	20	374
Ohio	2,667	58,217	98	3,835	1,114	260	5,647
Oklahoma	421	17,784	93	1,556	159	109	1,921
Oregon	252	17,038	97	834	85	65	1,065
Pennsylvania	7,227	66,102	101	5,701	2,612	213	10,525
Rhode Island	938	5,425	107	597	365	25	1,195
South Carolina	963	25,347	108	1,689	374	99	2,376
South Dakota	116	3,767	96	288	49	26	381
Tennessee	662	35,657	100	2,611	254	130	3,149
Texas	3,481	96,767	100	7,733	1,547	342	10,005
Utah	213	9,353	102	526	74	40	705

Vermont	57	2,822	102	154	14	16	213
Virginia	2,059	34,788	106	2,159	698	111	3,629
Washington	1,200	27,118	98	2,081	635	111	2,752
West Virginia	103	8,689	80	635	34	58	762
Wisconsin	818	26,275	104	1,346	137	150	2,175
Wyoming	18	2,181	101	135	-	-	155
Puerto Rico	163	12,333	88	1,546	87	63	1,684

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019.

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

⁶United States death count includes the 50 states, plus the District of Columbia and New York City.

⁷Excludes New York City.

Understanding the Numbers: Provisional Death Counts and COVID-19

Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.

How it Works

The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts. These include deaths occurring within the 50 states and the District of Columbia.

NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail, such as deaths by county and by race and Hispanic origin.

COVID-19 deaths are identified using a new ICD-10 code. When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

Things to know about the data

Provisional counts are not final and are subject to change. Counts from previous weeks are continually revised as more records are received and processed.

Provisional data are not yet complete. Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

Death counts should not be compared across states. Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.

